SEP 1 6 2002

hereby certify that this correspondence is being deposited with the United States Postal Service as

first class mail in an envelope addressed to: Assistant Commissioner for Patents

Assistant Commissioner 10. 1

Box Sequence Listing, P.O. Box 2327,

September 9, 200 2

QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C.

Attorney Docket No. 402E-476112US Client Ref. No. P1077P1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Ballinger, Marcus D. et al.

Application No.: 10/082,747

Filed: February 22, 2002

For: HEREGULIN VARIANTS

Assistant Commissioner for Patents Box Sequence Listing, P.O. Box 2327, Arlington, VA 22202

Sir:

The undersigned hereby states that the Sequence Listing submitted concurrently herewith does not include matter which goes beyond the content of the application as filed and that the information recorded on the diskette submitted concurrently herewith is identical to the written Sequence Listing.

Respectfully submitted,

Examiner: Brannock, M.

SEQUENCE LISTING

STATEMENT ACCOMPANYING

Art Unit: 1646

Emily M. Haliday, J.D., Ph.D.

Reg. No. 38,903

QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C.

P.O. BOX 458

Alameda, CA 94501

Ph.: (510) 337-7871 / Fax (510) 337-7877

leby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Sistant Commissioner for Patents, Box Sequence Listing, P.O. Box 2327, Arlington, VA 22202

QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C.

Tracie Brooks

Attorney Docket No. 402E-476112US Client Ref. No. P1077P1

RESPONSE TO REQUEST TO FURNISH

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Ballinger, Marcus D.et al.

Application No.: 10/082,747

Filed: February 22, 2002

For: HEREGULIN VARIANTS

Assistant Commissioner for Patents Box Sequence Listing, P.O. Box 2327, Arlington, VA 22202

Sir:

A substitute Sequence Listing was requested with the "Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures" dated July 9, 2002, please find the following enclosures:

- 1. Sequence Listing;
- 2. Diskette:
- 3. Copy of Notice to Comply;
- 4. Acknowledgement postcard.

Respectfully submitted,

Examiner: Brannock, M.

SEQUENCE LISTING

Art Unit: 1646

Emíly M. Haliday

Reg. No. 38,903

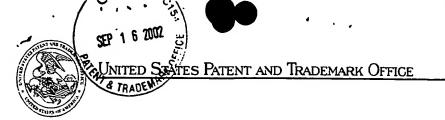
QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C.

P.O. BOX 458

Alameda, CA 94501

(510) 337-7871

Fax (510) 337-7877



COMMISSIONER FOR PATENTS UNITED STATES PATENT AND TRADEMARK OFFICE WASHINGTON, D.C. 20231 www.uscto.gov

APPLICATION NUMBER

FILING/RECEIPT DATE

FIRST NAMED APPLICANT

ATTORNEY DOCKET NUMBER

10/082,747

02/22/2002

Marcus D. Ballinger

402E-476112US

CONFIRMATION NO. 6369

22798 QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C. P O BOX 458 ALAMEDA, CA 94501

FORMALITIES LETTER *OC000000008421683*

Date Mailed: 07/09/2002

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE **DISCLOSURES**

Applicant is given TWO MONTHS FROM THE DATE OF THIS NOTICE within which to file the items indicated below to avoid abandonment. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

• A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase Patentin Software, call (703) 306-2600
- For Patentin Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

A copy of this notice <u>MUST</u> be returned with the reply.

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE